|                 | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-----------------|-------------------------|---|
| Index of Claims | 10665794                | SHIRAISHI ET AL.                        |
|                 | Examiner                | Art Unit                                |
|                 | Blackwell, James H      | 2176                                    |

|   |            |          |          |             | _          |            |               |        | _          |            |     |          |  |   |
|---|------------|----------|----------|-------------|------------|------------|---------------|--------|------------|------------|-----|----------|--|---|
| ✓   | ✓ Rejected |          |          | - Cancelled |            |            | N Non-Elected |        |            | A          | Арр | oeal     |  |   |
| = Allowed   |            | ÷        |          | Restricted  |            | I Int      |               | Interf | erference  |            | O   | Objected |  |   |
|   |            |          |          |             |            |            |               |        |            |            |     |          |  |   |
| ☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47 |            |          |          |             |            |            |               |        |            |            |     |          |  |   |
| CLAIM DATE  |            |          |          |             |            |            |               |        | DATE       |            |     |          |  |   |
| Fi  | inal       | Original | 02/08/20 | 06          | 09/05/2006 | 04/26/2007 | 12/07/20      | 07     | 07/09/2008 | 03/12/2009 |     |          |  |   |
|   |            | 1        | <b>√</b> |             | ✓          | ✓          | ✓             |        | ✓          | ✓          |     |          |  |   |
|   |            | 2        | ✓        |             | ✓          | ✓          | ✓             |        | ✓          | ✓          |     |          |  |   |
|   |            | 3        | <b>√</b> |             | ✓          | ✓          | ✓             |        | ✓          | ✓          |     |          |  |   |
|   |            | 4        | <b>√</b> |             | ✓          | ✓          | ✓             |        | ✓          | ✓          |     |          |  |   |
|   |            | 5        | <b>√</b> |             | ✓          | ✓          | ✓             |        | ✓          | ✓          |     |          |  |   |
|   |            | 6        | <b>√</b> |             | ✓          | ✓          | ✓             |        | ✓          | ✓          |     |          |  |   |
|   |            | 7        | ✓        |             | ✓          | ✓          | ✓             |        | ✓          | ✓          |     |          |  |   |
|   |            | 8        | ✓        |             | ✓          | ✓          | -             |        | -          | -          |     |          |  |   |
|   |            | 9        | ✓        |             | ✓          | ✓          | -             |        | -          | -          |     |          |  |   |
|   |            | 10       | ✓        |             | -          | -          | -             |        | -          | -          |     |          |  |   |
|   |            | 11       | ✓        |             | ✓          | ✓          | -             |        | -          | -          |     |          |  |   |
|   |            | 12       | ✓        |             | ✓          | ✓          | -             |        | -          | -          |     |          |  |   |
|   |            | 40       |          |             |            |            |               |        |            |            |     |          |  | 1 |

✓

✓

✓

**√** 

✓

**√** 

✓

 $\checkmark$ 

✓

✓

✓

✓

✓

✓

 $\checkmark$ 

14

15

16 17

18 19

20 21

22 23

U.S. Patent and Trademark Office Part of Paper No.: 20090121